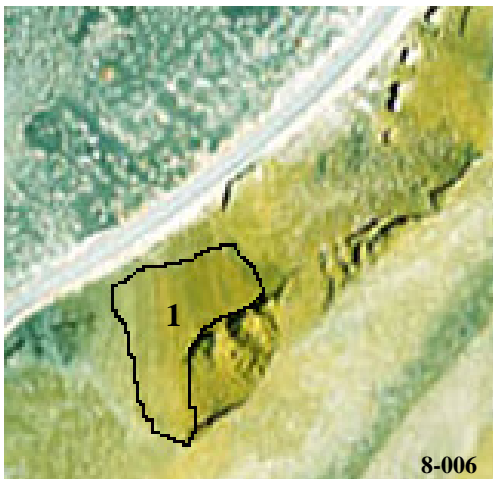
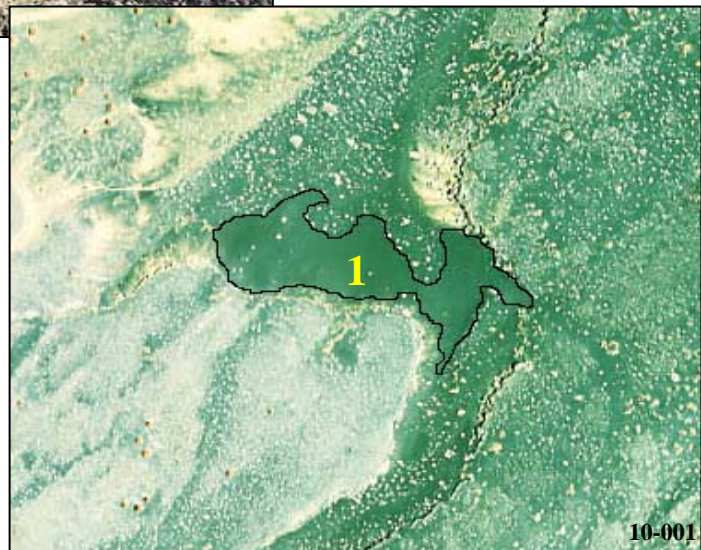


Cinder Barren (1)



Location: A layer of black volcanic cinder of varying thickness covers much of the southern part of the Wupatki project area. In general it is unvegetated, but some occurrences will occasionally support communities of ephemeral annual plants, as shown in this photo. The deepest cinder beds lie on the slopes below the basalt plateau rims.

Photosignature: Because the aerial photos were flown so late in the year, ephemeral plant communities such as the one pictured above, do not obscure the smooth, evenly greenish-black signature of pure volcanic cinder.



Red cinder (restricted to Doney Mountain and associated cinder cones) appears smooth and orange-red. Its appearance on aerial photos is similar to Moenkopi sandstone and shale map classes.